

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**



PATENT  
Atty. Docket No. 27600/M239A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): James L. Warmus et al.

Serial No.: 09/852,581

Filed: May 10, 2001

Title: IMPOSITION PROCESS AND  
APPARATUS FOR VARIABLE  
IMAGING

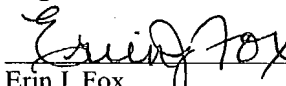
Group Art Unit: 2176

Examiner: Stephen S. Hong

Certificate of Mailing

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

August 12, 2004

  
Erin J. Fox  
Registration No. 52,261

RECEIVED

AUG 17 2004

SECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT Technology Center 2100

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The patents, publications and other documents listed on the enclosed PTO Form-1449 are submitted pursuant to 37 CFR §§ 1.56, 1.97, and 1.98. Copies of the documents are enclosed as necessary.

This Information Disclosure Statement is being filed after the mailing date of a final action under 37 CFR §1.113 or a notice of allowance under 37 CFR §1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant submits herewith the petition fee set forth in 37 CFR §1.17(i); and the accompanying petition under 37 CFR §1.97(d):

Petition

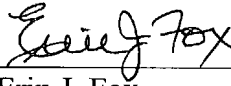
Applicants hereby petition pursuant to 37 C.F.R. §1.97(d) that this Information Disclosure Statement, Form PTO-1449, and document(s) identified therein be considered.

The identification of any document in the attached PTO-Form 1449 is not an admission that such document is in fact prior art or material to patentability relative to the instant application.

An early and favorable action on the merits is respectfully requested.

Respectfully submitted,

McCracken & Frank LLP  
200 W. Adams  
Suite 2150  
Chicago, Illinois 60606  
(312) 263-4700  
Customer No.: 29471

By:   
Erin J. Fox  
Registration No. 52,261

August 12, 2004

27600/M239A

09/852,581

Filing Date:

Group Art Unit

May 10, 2001

2176

Applicant(s): James L. Warmus et al.

**INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	A207	3,549,055	12/22/1970	Gatland	222	182	
	A208	3,982,744	9/28/1976	Kraynak et al.	270	12	
	A209	4,085,455	4/18/1978	Okumura	365	112	
	A210	4,345,276	8/17/1982	Colomb	358	258	
	A211	4,417,630	11/29/1983	Weber et al.	177	1	
	A212	4,520,454	5/28/1985	Dufour et al.	364	900	
	A213	4,665,555	5/12/1987	Alker et al.	382	41	
	A214	4,710,886	12/1/1987	Heath	364	519	
	A215	4,723,209	2/2/1988	Hernandez et al.	364	519	
	A216	4,800,506	2/24/1989	Axelrod et al.	364	478	
	A217	4,928,243	5/22/1990	Hodges et al.	364	519	
	A218	4,949,272	8/14/1990	Vanourek et al.	364	464.02	
	A219	5,025,396	6/18/1991	Parks et al.	364	518	
	A220	5,053,955	10/1/1991	Peach et al.	364	401	
	A221	5,060,165	10/22/1991	Schumacher et al.	364	478	
	A222	5,077,694	12/31/1991	Sansone et al.	395	600	
	A223	5,085,470	2/4/1992	Peach et al.	283	58	
	A224	5,103,490	4/7/1992	McMillin	382	62	
	A225	5,134,669	7/28/1992	Keogh et al.	382	61	
	A226	5,142,482	8/25/1992	Sansone	364	478	
	A227	5,157,765	10/20/1992	Birk et al.	395	165	
	A228	5,175,679	12/29/1992	Allen et al.	364	148	
	A229	5,202,206	4/13/1993	Tam	430	41	

RECEIVED

AUG 17 2004

Technology Center 2100

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

27600/M239A

09/852,581

Filing Date:

Group Art Unit

May 10, 2001

2176

Applicant(s): James L. Warmus et al.

Sheet 1 of 3

	A230	5,220,420	6/15/1993	Hoarty et al.	358	86	
	A231	5,220,674	6/15/1993	Morgan et al.	395	800	
	A232	5,229,932	7/20/1993	Connell et al.	364	401	
	A233	5,238,345	8/24/1993	D'Andrea	412	4	
	A234	5,257,196	10/26/1993	Sansone	364	464.02	
	A235	5,287,976	2/22/1994	Mayer et al.	209	547	
	A236	5,291,243	3/1/1994	Heckman et al.	355	201	
	A237	5,313,578	5/17/1994	Handorf	395	200	
	A238	5,319,745	6/7/1994	Vinsonneau et al.	395	144	
	A239	5,321,604	6/14/1994	Peach et al.	364	401	
	A240	5,353,388	10/4/1994	Motayama	395	117	
	A241	5,379,368	1/3/1995	Imai et al.	395	117	
	A242	5,390,354	2/14/1995	De Heus et al.	395	800	
	A243	5,400,263	3/21/1995	Rohrbaugh et al.	364	490	
	A244	5,419,541	5/30/1995	Stevens	270	54	
	A245	5,446,653	8/29/1995	Miller et al.	364	401	
	A246	5,455,945	10/3/1995	Vanderdrift	395	600	
	A247	5,483,624	1/9/1996	Christopher et al.	395	117	
	A248	5,500,928	3/19/1996	Cook et al.	395	133	
	A249	5,502,636	3/26/1996	Clarke	364	401	
	A250	5,505,697	4/9/1996	McKinnon, Jr. et al.	604	71	
	A251	5,506,697	4/9/1996	Li et al.	358	448	
	A252	5,519,624	5/21/1996	Hidding	364	478	
	A253	5,523,942	6/4/1996	Tyler et al.	364	401	
	A254	5,530,852	6/25/1996	Meske, Jr. et al.	395	600	
	A255	5,552,994	9/3/1996	Cannon et al.	364	468.01	
	A256	5,592,683	1/7/1997	Chen et al.	395	872	

**RECEIVED**

AUG 17 2004

Technology Center 2100

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

Sheet 3 of 3

27600/M239A

09/852,581

Filing Date:

Group Art Unit

May 10, 2001

2176

Applicant(s): James L. Warmus et al.

A257

5,924,092

2/7/1997

Johnson

707

7

**FOREIGN PATENT DOCUMENTS**

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
	B7	WO 96/22573	7/25/1996	PCT	RECEIVED			
	B8	EP 0 119 720	9/2/1984	EPO	AUG 1	7 2004		
	B9	JP 8115178	5/7/1996	Japan	Technology Center 2100		Abstract & Claims	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)

C151	"Enhanced Technique for Merging Data From a Second Document" IBM Technical Disclosure Bulletin, Vol. 30 No. 5, IBM Corp., pages 184-188 (10/87).
C152	PODi, "Frequently Asked Questions about PPML The Personalized Markup Language" PPML Frequently Asked Questions (12/12/2000) (3 pages).
C153	"Improved Technique for Printing Multi-copy Documents" IBM Technical Disclosure Bulletin, Vol. 29 No.1, IBM Corp., pages 406-407 (6/86).
C154	"Indigo E-Print in 3 places-and in Spindler Speech" Seybold San Francisco, page 34 (10/23/1995).
C155	"Method for Joining Documents for Printing in a Personal Computer System" IBM Technical Disclosure Bulletin, Vol. 29 No. 7, IBM Corp., pages 3090-3091 (12/86).
C156	"Xeikon Personalizes with Private-1" Seybold Special Report, Vol. 4 No. 2, Page 3, (10/23/95).
C157	"PPML Personalized Print Markup Language," Functional Specification Version 1.5" (5/31/2001).
C158	"PPML Personalized Print Markup Language," Functional Specification Version 2.1" (7/31/2002).
C159	"Redefining the Printed Page," Varis Corporation, Mason, OH, Vol. 4 (10/2/1997).
C160	"Variable Printing with Indigo" Seybold Special Report, Vol. 3, No. 8 pages, 63-64, (4/21/1995).
C161	ANSI CGATS "Graphic Technology- Variable Printing Data Exchange Using PPML and PDF (PPML/VDX)" July 8, 2002
C162	Introduction to the Personalized Print Markup Language: The PPML Family of XML Standards" PODi (Pages 1-8) (7/22/2003).
C163	Kaufeld "Pradox 5 for Windows for Dummies," (1994)
C164	Mizuno et al., "Document Recognition System with Layout Structure Generator," NEC Research and Development, Vol. 32, No. 3, Tokyo, Japan (Pages 430-437) (1991).
C165	Rousseau et al., "Writing Documents for Paper and WWW; A Strategy based on FrameMaker and WebMaker," Computer Networks and ISDN Systems, Vol. 27 (Pages 205-214) (XP 000571730) (1994).
C166	Simoudis, Evangelos "Reality Check for Data Mining," IEEE Expert (Pages 26-33) (1996).

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.